

Special Issue

Viral-host interactions and determinants of human papillomavirus (HPV) life cycle and pathogenesis

Message from the Guest Editor

Human papillomaviruses (HPVs) are a large family of widely prevalent non-enveloped DNA viruses that persistently infect and replicate in differentiating cutaneous and mucosal epithelium. Infection by a small subset of oncogenic high-risk HPVs causes cervical and other anogenital cancers, as well as rising numbers of oropharyngeal cancers. Using just a handful of genes, these viruses are able to usurp and remodel the host cell into an environment favorable to viral replication, which sometimes can lead to deadly cancers. This Special Issue will focus on the viral-host interactions underlying the HPV life cycle and associated viral pathogenesis. We welcome submissions of original research and review manuscripts that cover any aspects within HPV infection, persistence, replication, life cycle, immunoevasion, carcinogenesis, and pathogenesis.

Guest Editor

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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